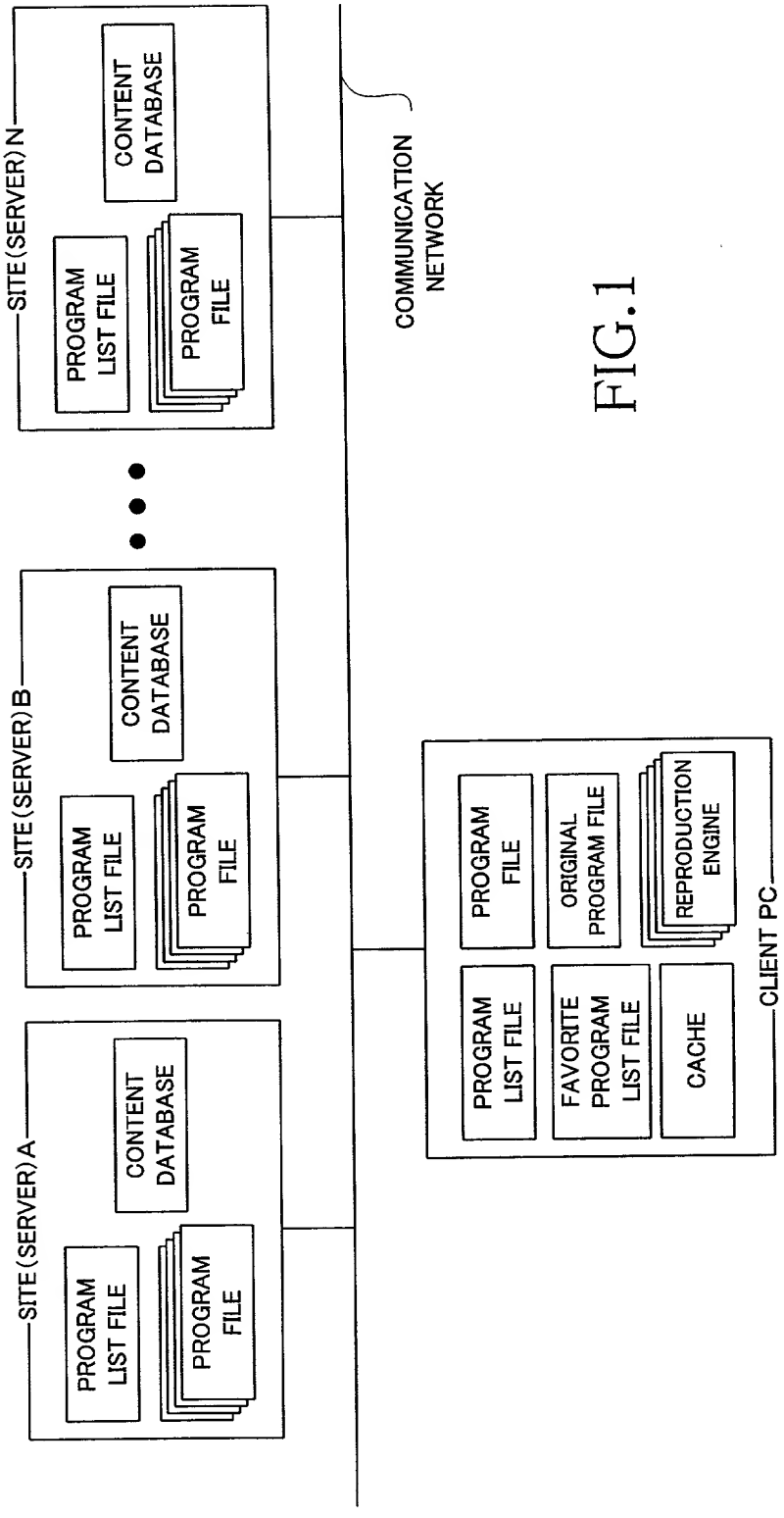
SITE (SERVER) A
PROGRAM LIST FILE
PROGRAM FILE
CONTENT DATABASE
SITE (SERVER) B
PROGRAM LIST FILE
PROGRAM FILE
CONTENT DATABASE
SITE (SERVER) N
PROGRAM LIST FILE
PROGRAM FILE
CONTENT DATABASE
COMMUNICATION NETWORK
CLIENT PC
PROGRAM LIST FILE
FAVORITE PROGRAM LIST FILE
CACHE
PROGRAM FILE
ORIGINAL PROGRAM FILE
REPRODUCTION ENGINE

FIG.1

<PROGRAM LIST FILE>

PROGRAM NAME	URL OF PROGRAM FILE
PROGRAM NAME	URL OF PROGRAM FILE
:	:

FIG. 2

<PROGRAM FILE>

PROGRAM NAME		
CONTENT URL	CONTENT ID	BASIC CONTENT INFO.
CONTENT URL	CONTENT ID	BASIC CONTENT INFO.
CONTENT URL	CONTENT ID	BASIC CONTENT INFO.
CONTENT URL	CONTENT ID	BASIC CONTENT INFO.
CONTENT URL	CONTENT ID	BASIC CONTENT INFO.
CONTENT URL	CONTENT ID	BASIC CONTENT INFO.

REPRO. SEQUENCE

OPENING MC(AUDIO)

MUSIC PIECE(MIDI)

MC(AUDIO)

MUSIC PIECE(AUDIO)

MUSIC PIECE (MOVING PICTURE)

ENDING MC(AUDIO)

FIG. 3

<OPERATION PANEL>

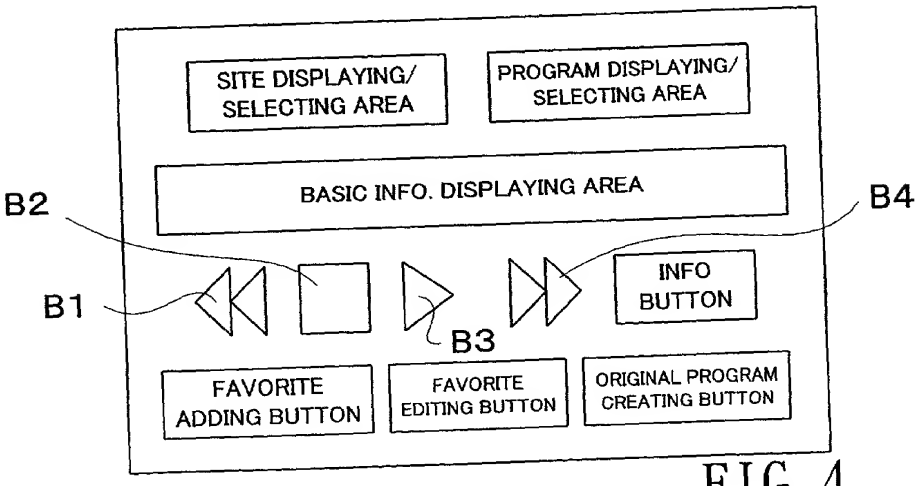

FIG. 4

<EXAMPLE OF INFOMATION DISPLAY>

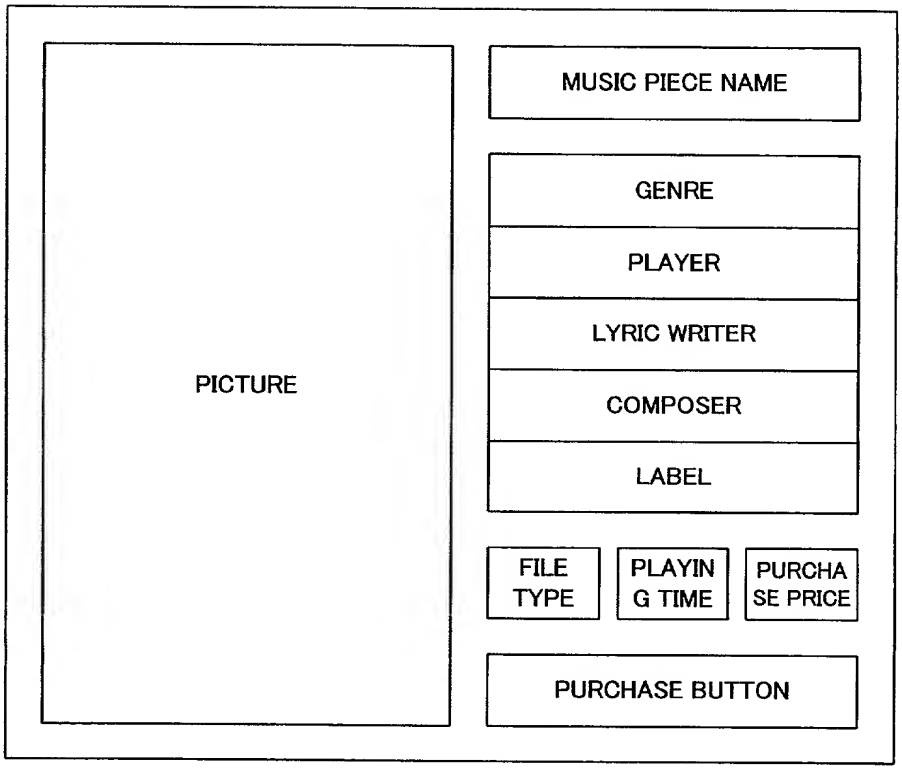

FIG. 5

<PROGRAM FILE>

REPRODUCING SEQUENCE OF TRACKS

PROGRAM NAME				
TR1	REPRO.TIMIG	CONTENT URL	CONTENT ID	BASIC CONTENT INFO.
	REPRO.TIMIG	CONTENT URL	CONTENT ID	BASIC CONTENT INFO.
	:	:	:	:
TR2	REPRO.TIMIG	CONTENT URL	CONTENT ID	BASIC CONTENT INFO.
	REPRO.TIMIG	CONTENT URL	CONTENT ID	BASIC CONTENT INFO.
	:	:	:	:
:	:			

FIG. 8

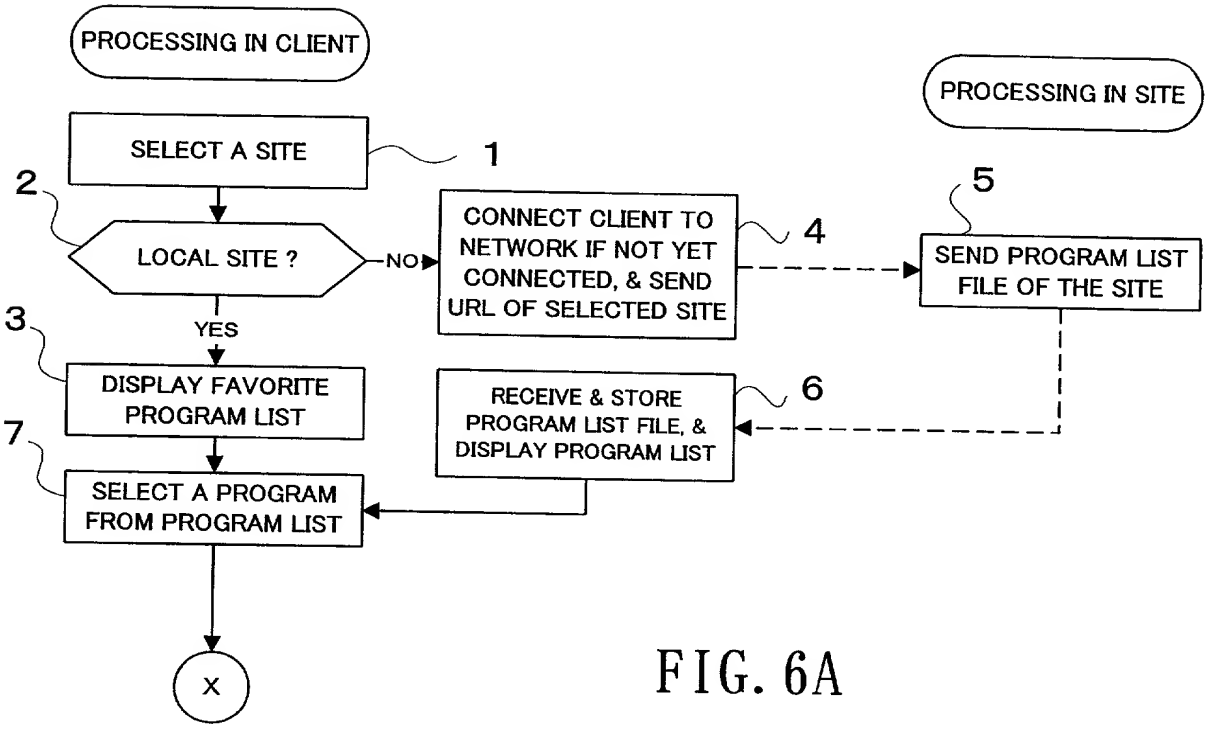

FIG. 6A

0603-1200-1

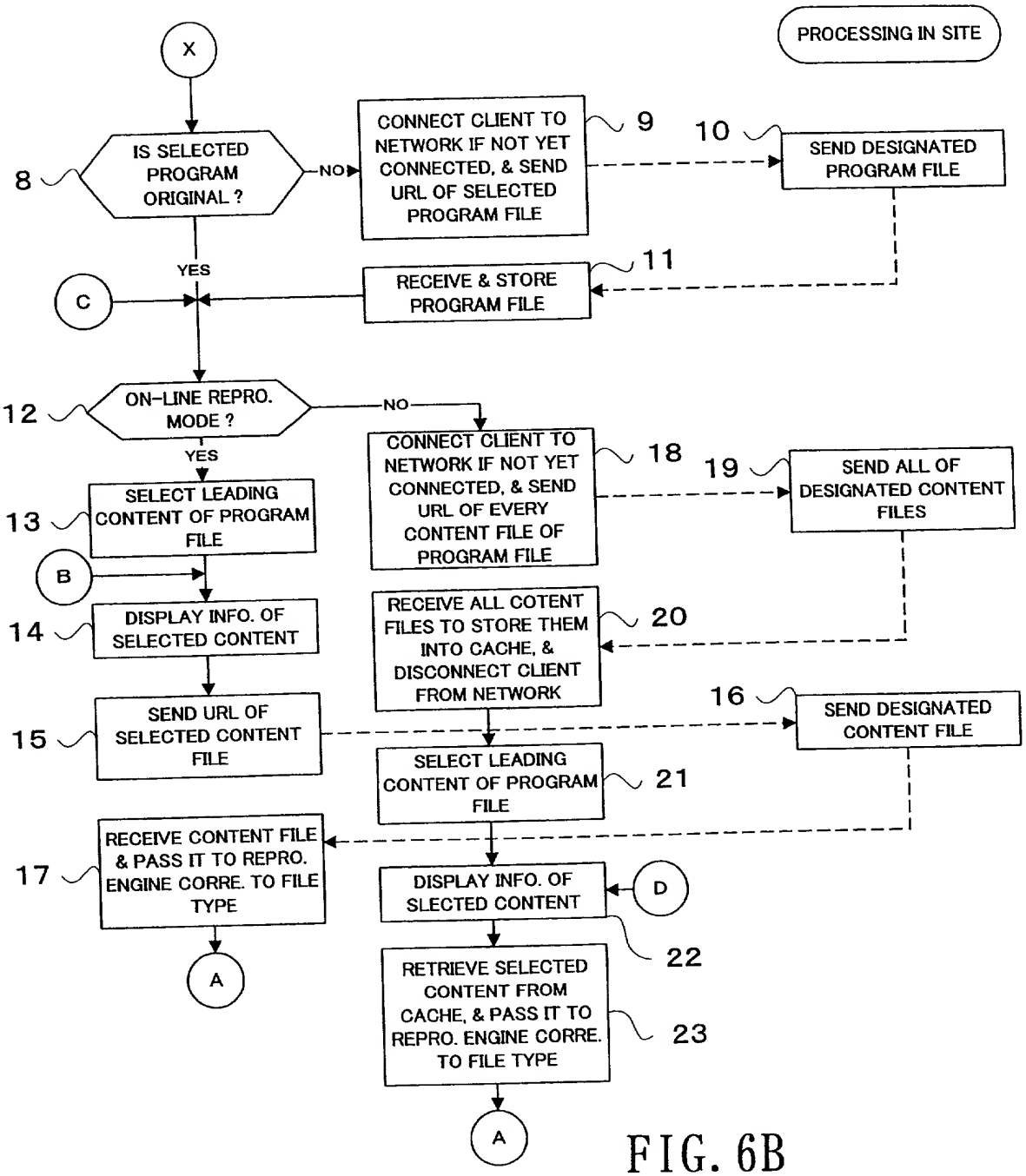
PROCESSING IN SITE
X
IS SELECTED PROGRAM ORIGINAL ?
8
NO
CONNECT CLIENT TO NETWORK IF NOT YET CONNECTED, & SEND URL OF SELECTED PROGRAM FILE
9
10
SEND DESIGNATED PROGRAM FILE
YES
C
RECEIVE & STORE PROGRAM FILE
11
12
ON-LINE REPRO. MODE ?
NO
YES
SELECT LEADING CONTENT OF PROGRAM FILE
13
B
DISPLAY INFO. OF SELECTED CONTENT
14
SEND URL OF SELECTED CONTENT FILE
15
CONNECT CLIENT TO NETWORK IF NOT YET CONNECTED, & SEND URL OF EVERY CONTENT FILE OF PROGRAM FILE
18
19
SEND ALL OF DESIGNATED CONTENT FILES
RECEIVE ALL COTENT FILES TO STORE THEM INTO CACHE, & DISCONNECT CLIENT FROM NETWORK
20
16
SEND DESIGNATED CONTENT FILE
SELECT LEADING CONTENT OF PROGRAM FILE
21
RECEIVE CONTENT FILE & PASS IT TO REPRO. ENGINE CORRE. TO FILE TYPE
17
DISPLAY INFO. OF SLECTED CONTENT
D
22
A
RETRIEVE SELECTED CONTENT FROM CACHE, & PASS IT TO REPRO. ENGINE CORRE. TO FILE TYPE
23
A

FIG. 6B

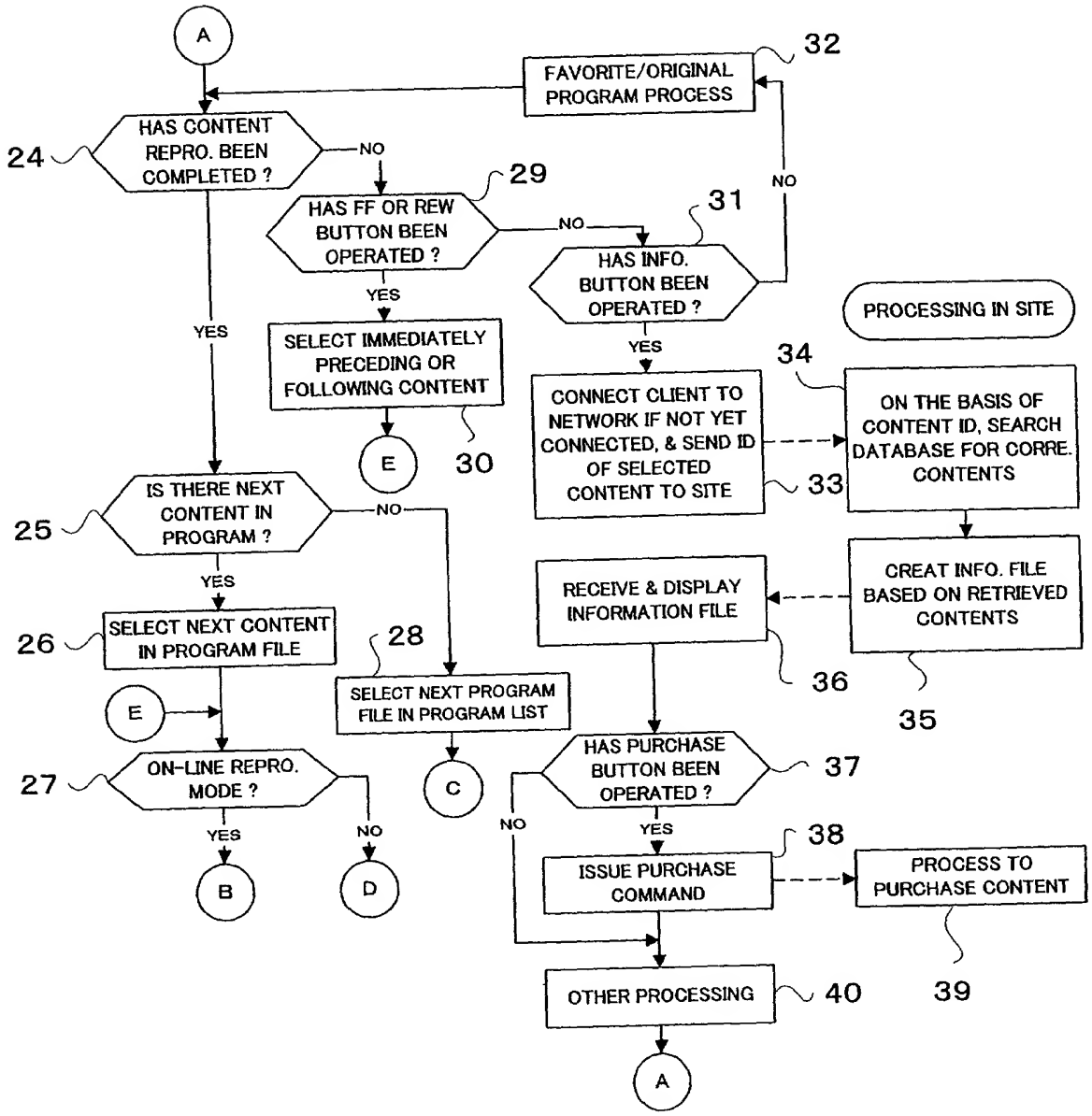

FIG. 6C

393032028900

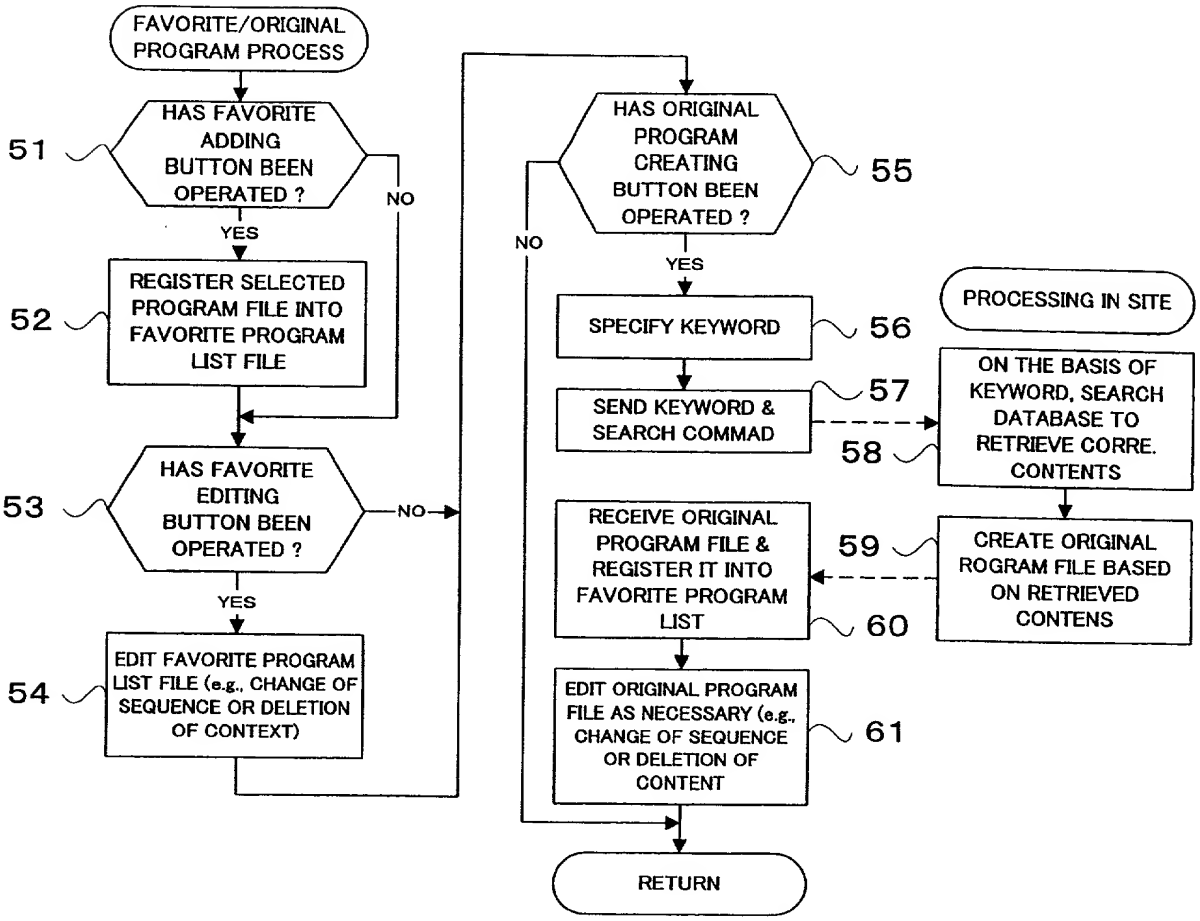
FAVORITE/ORIGINAL PROGRAM PROCESS
HAS FAVORITE ADDING BUTTON BEEN OPERATED ?
51
NO
YES
REGISTER SELECTED PROGRAM FILE INTO FAVORITE PROGRAM LIST FILE
52
HAS FAVORITE EDITING BUTTON BEEN OPERATED ?
53
NO
YES
EDIT FAVORITE PROGRAM LIST FILE (e.g., CHANGE OF SEQUENCE OR DELETION OF CONTEXT)
54
HAS ORIGINAL PROGRAM CREATING BUTTON BEEN OPERATED ?
55
NO
YES
SPECIFY KEYWORD
56
SEND KEYWORD & SEARCH COMMAD
57
PROCESSING IN SITE
ON THE BASIS OF KEYWORD, SEARCH DATABASE TO RETRIEVE CORRE. CONTENTS
58
CREATE ORIGINAL ROGRAM FILE BASED ON RETRIEVED CONTENS
59
RECEIVE ORIGINAL PROGRAM FILE & REGISTER IT INTO FAVORITE PROGRAM LIST
60
EDIT ORIGINAL PROGRAM FILE AS NECESSARY (e.g., CHANGE OF SEQUENCE OR DELETION OF CONTENT
61
RETURN

FIG. 7

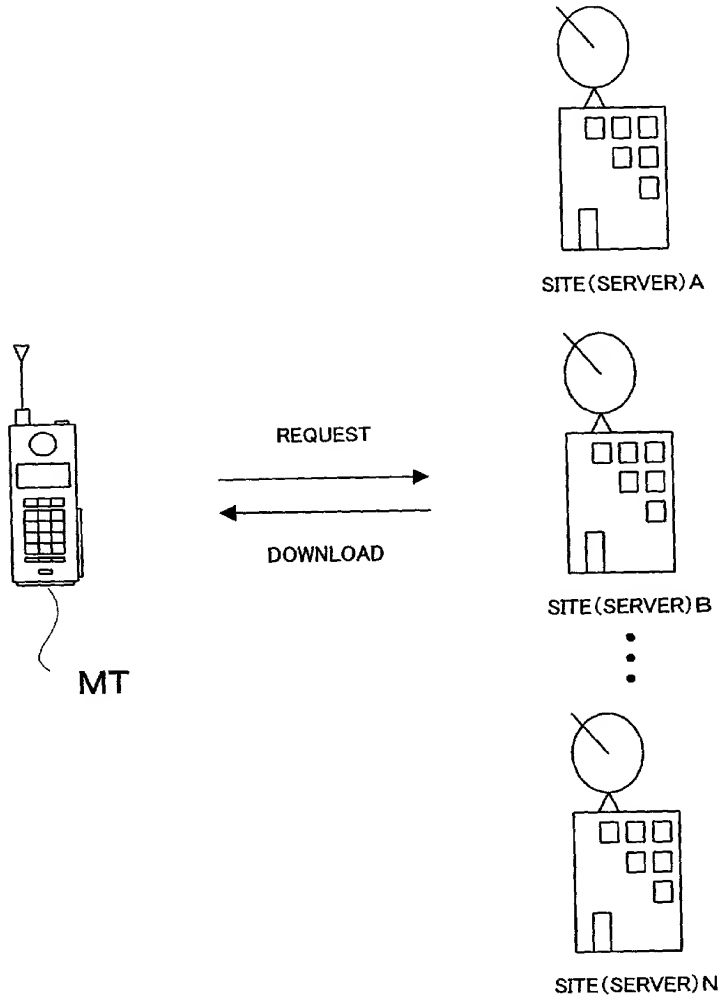

FIG. 9A

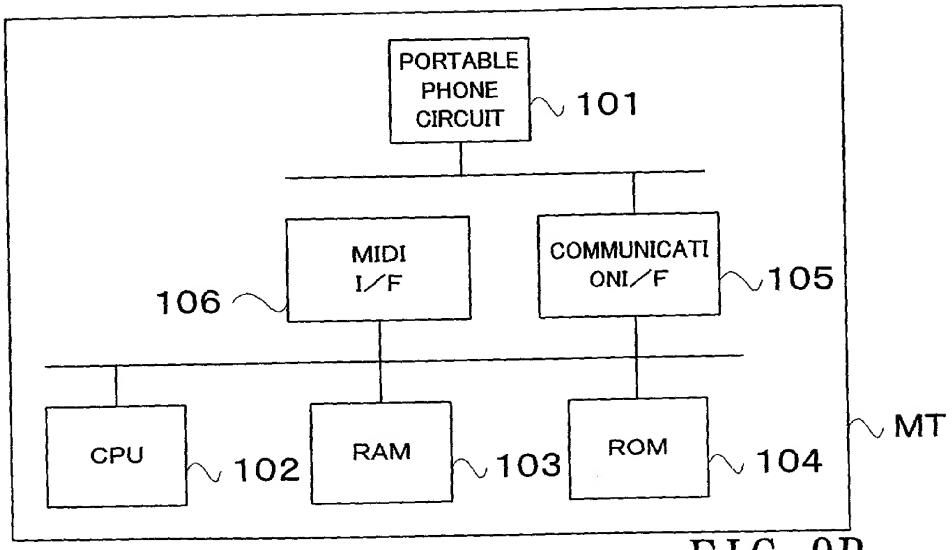

FIG. 9B

EP 0 954 205 A1

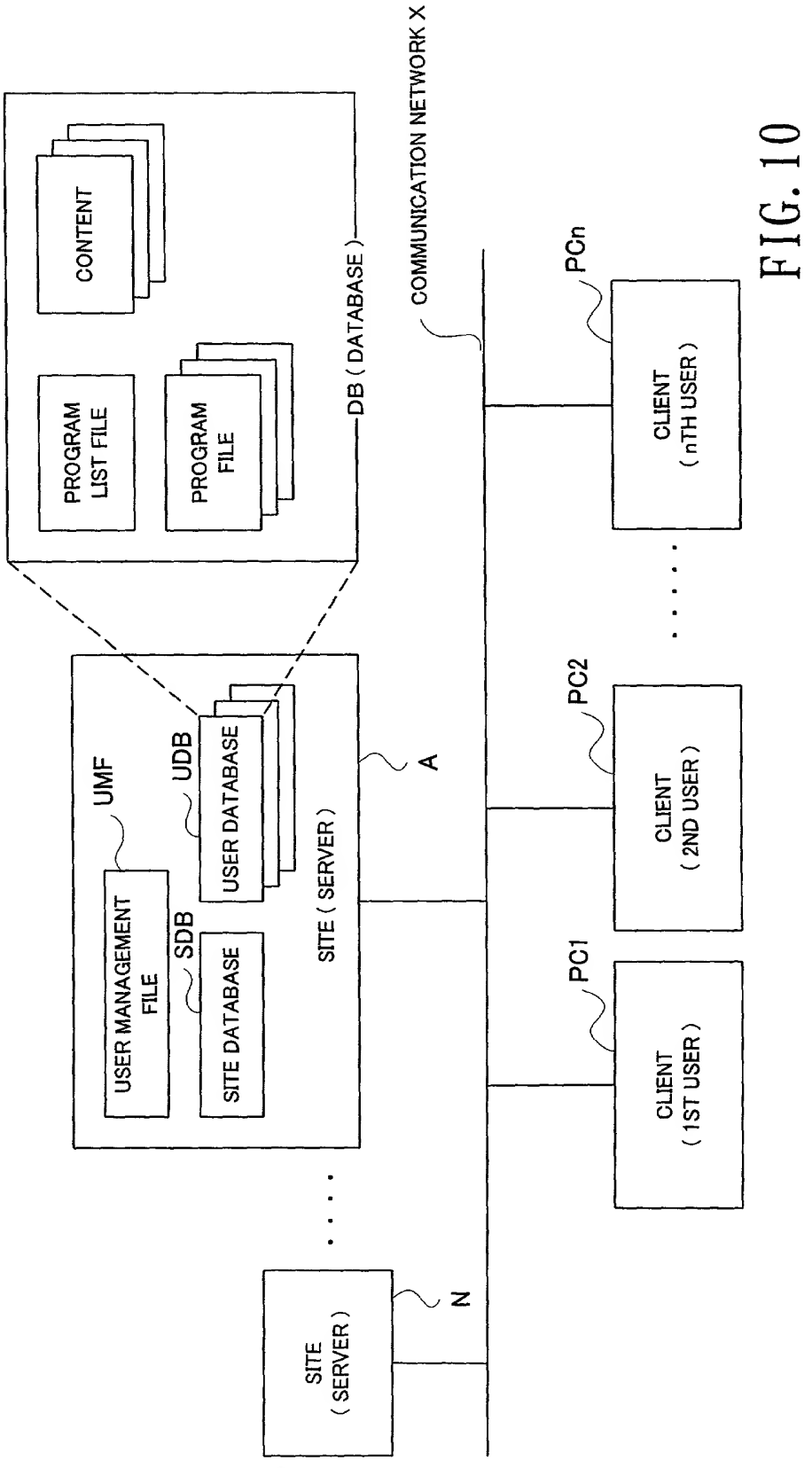
COMMUNICATION NETWORK X
DB (DATABASE)
CONTENT
PROGRAM LIST FILE
PROGRAM FILE
SITE (SERVER)
A
UMF
USER MANAGEMENT FILE
UDB
USER DATABASE
SDB
SITE DATABASE
SITE (SERVER)
N
PC1
CLIENT (1ST USER)
PC2
CLIENT (2ND USER)
PCn
CLIENT (nTH USER)

FIG. 10

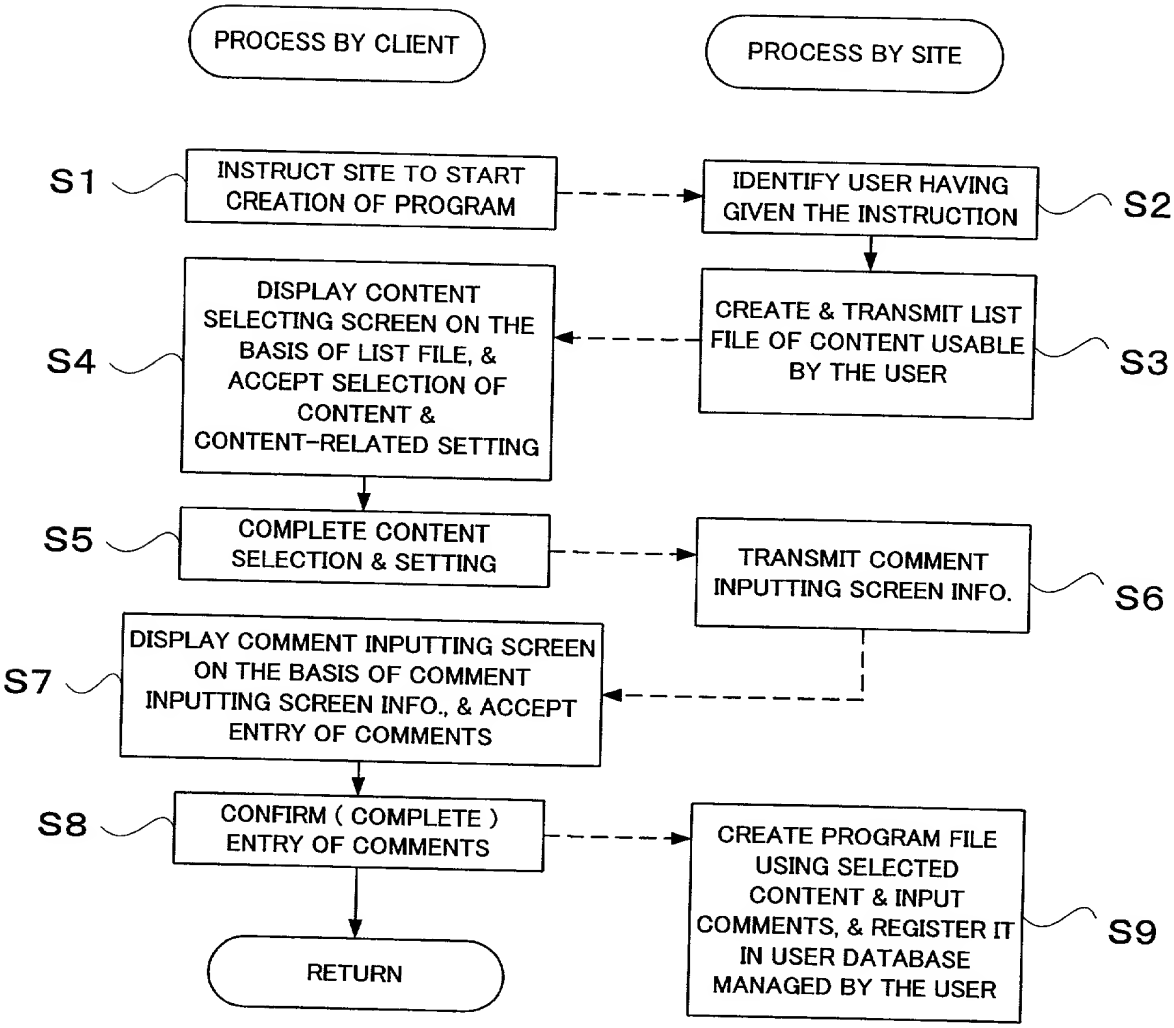
PROCESS BY CLIENT
PROCESS BY SITE
S1
INSTRUCT SITE TO START CREATION OF PROGRAM
IDENTIFY USER HAVING GIVEN THE INSTRUCTION
S2
CREATE & TRANSMIT LIST FILE OF CONTENT USABLE BY THE USER
S3
S4
DISPLAY CONTENT SELECTING SCREEN ON THE BASIS OF LIST FILE, & ACCEPT SELECTION OF CONTENT & CONTENT-RELATED SETTING
S5
COMPLETE CONTENT SELECTION & SETTING
TRANSMIT COMMENT INPUTTING SCREEN INFO.
S6
S7
DISPLAY COMMENT INPUTTING SCREEN ON THE BASIS OF COMMENT INPUTTING SCREEN INFO., & ACCEPT ENTRY OF COMMENTS
S8
CONFIRM (COMPLETE) ENTRY OF COMMENTS
CREATE PROGRAM FILE USING SELECTED CONTENT & INPUT COMMENTS, & REGISTER IT IN USER DATABASE MANAGED BY THE USER
S9
RETURN

FIG. 11

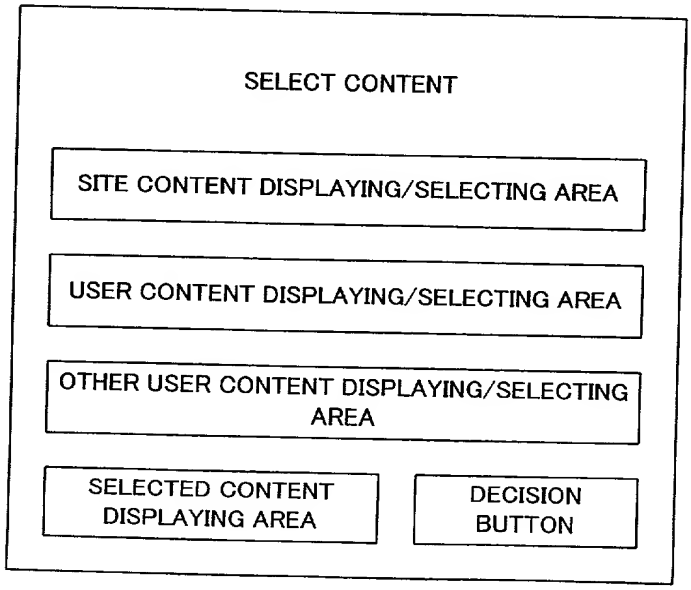
SELECT CONTENT
SITE CONTENT DISPLAYING/SELECTING AREA
USER CONTENT DISPLAYING/SELECTING AREA
OTHER USER CONTENT DISPLAYING/SELECTING AREA
SELECTED CONTENT DISPLAYING AREA
DECISION BUTTON

FIG. 12

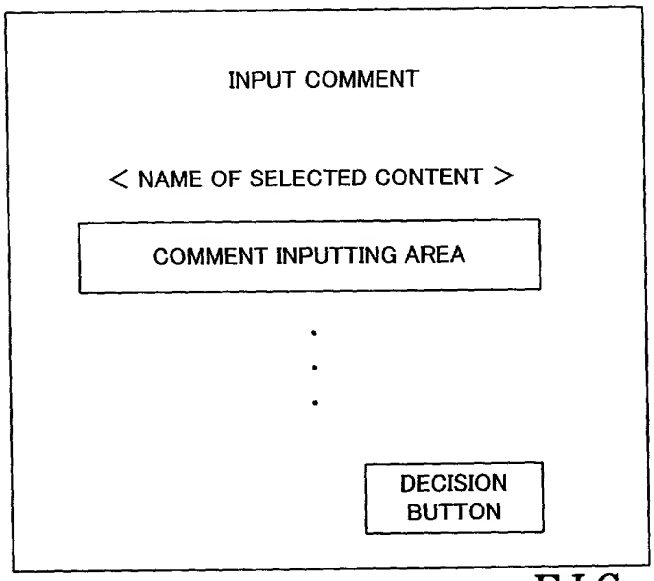
INPUT COMMENT
< NAME OF SELECTED CONTENT >
COMMENT INPUTTING AREA
DECISION BUTTON

FIG. 13

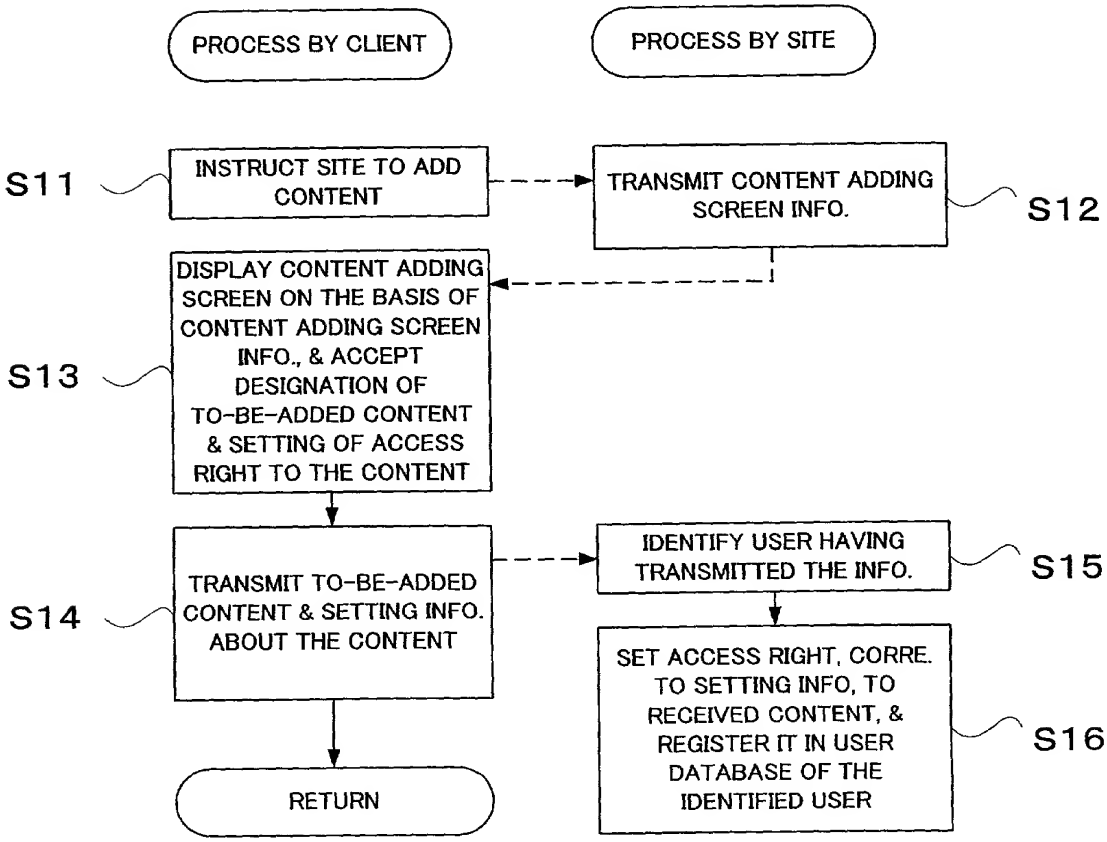
PROCESS BY CLIENT
PROCESS BY SITE
S11
INSTRUCT SITE TO ADD CONTENT
TRANSMIT CONTENT ADDING SCREEN INFO.
S12
DISPLAY CONTENT ADDING SCREEN ON THE BASIS OF CONTENT ADDING SCREEN INFO., & ACCEPT DESIGNATION OF TO-BE-ADDED CONTENT & SETTING OF ACCESS RIGHT TO THE CONTENT
S13
TRANSMIT TO-BE-ADDED CONTENT & SETTING INFO. ABOUT THE CONTENT
S14
IDENTIFY USER HAVING TRANSMITTED THE INFO.
S15
SET ACCESS RIGHT, CORRE. TO SETTING INFO, TO RECEIVED CONTENT, & REGISTER IT IN USER DATABASE OF THE IDENTIFIED USER
S16
RETURN

FIG. 14

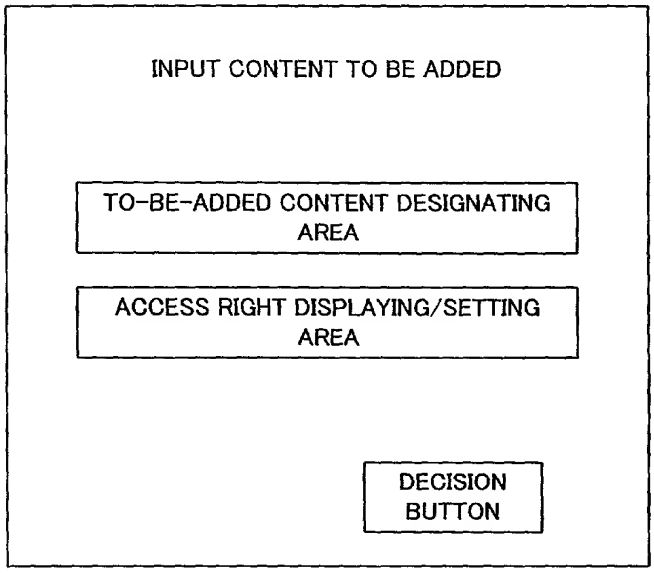

FIG. 15

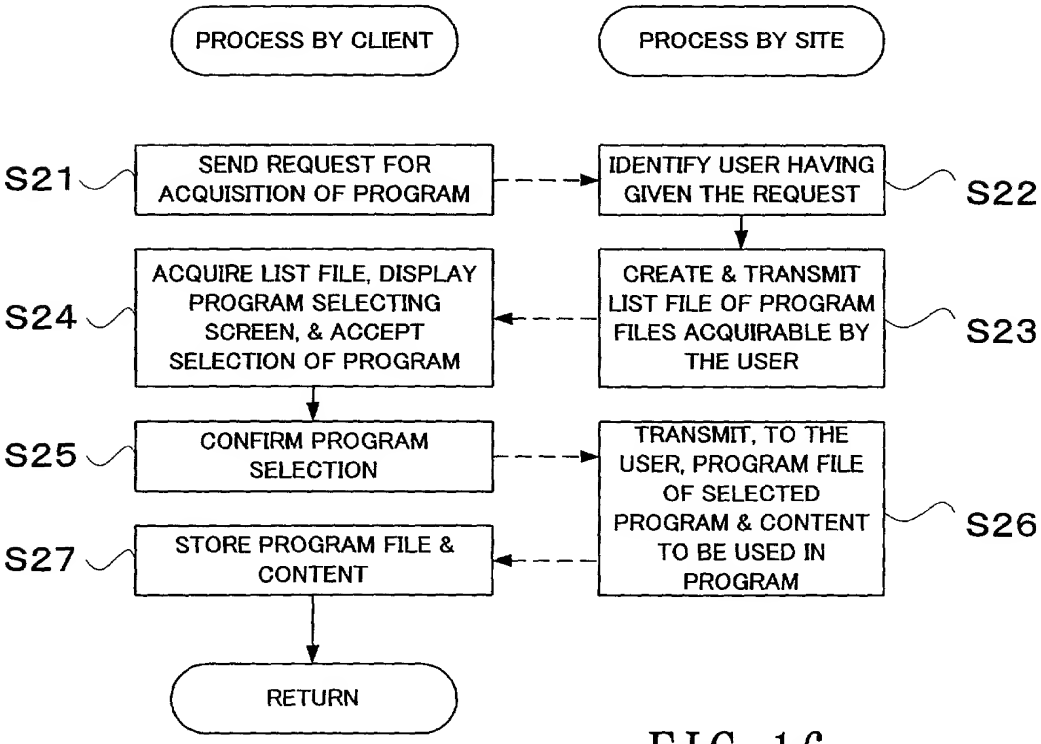

FIG. 16

Docket #393032028900

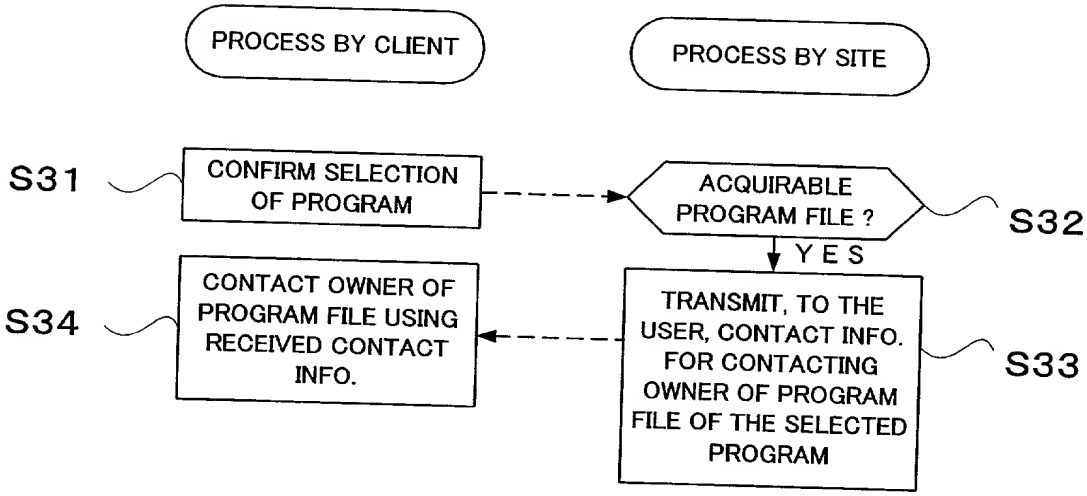

FIG. 17

Docket #393032028900